

CASE STUDY: Point of Sales System (POS)

Bangladesh

CNS has created an innovative, adaptable, and easy to use Point of Sale (POS) system, for non-governmental and commercial partners. The POS systems developed by CNS incorporate innovative software technologies to enhance digital revenue streams and customer service. Crucially, CNS' Point of Sale system can be installed and activated in just 24 hours.

Our History in Point of Sales Systems

As with all of CNS' products, the Point of Sale (POS) software systems are engineered to be accessible, intuitive, and secure. The POS has already seen great success, having been implemented across a wide range of sectors and industries. CNS' system is an adaptable, easy to use and an effective way to conduct online transactions.

CNS has created a mobile POS system to meet the demands of the 21st century consumer. Using the system, customers can purchase products or services from our clients anywhere where they can connect to the internet using their mobile device.

Operator Benefits

To meet the ever-growing demands of ambitious retailers, CNS has developed a leading Point of Sale system that can be installed and ready to use within 24 hours of purchase. The POS system plays a critical role as the central component of any business, it is designed to be the central hub where everything comes together in a single convenient location.

CNS' Point of Sale solutions include sales tracking, inventory management, employee management and customer relation modules alongside standard modules such as revenue calculators and receipt tracking tools. Ease of use is at the centre of the CNS system design philosophy and therefore, the CNS software team has worked to ensure that the system is user friendly and accessible.

CNS Technology

CNS' Point of Sale solutions are built on years of experience in pioneering digital revenue collection systems in Bangladesh. These innovative tools have vastly increased the efficiency of online revenue streams for businesses across the country. CNS' talented software developers have developed the POS system for commercial and other non-governmental entities.

Drawing on this history of large-scale revenue collection system development, CNS's Point of Sale system has been designed to include industry leading functionalities that are often excluded from standard Commercial Off The Shelf (COTS) systems. This includes sales tracking, inventory management, employee management and customer tracking modules alongside standard modules such as revenue calculators and receipt tracking tools.

The POS system can be configured to be fully compliant with the resident data protection laws that any organisation operates under. Robust systems protect data integrity, keeping personal as well as other information safe and secure. CNS' expertise in data management and analysis has also been translated into the POS with tools provided to help properly store and archive data collected. CNS developers operate at ISO 27001 and as such, CNS systems are designed to uphold the highest level of Information Security Management.

Cyber-security is an integral component of the POS which features built-in countermeasures to deter threat and any unauthorised access along with key data protection safeguards. To achieve this, the POS system is built using Oracle RDBMS and implemented on n-Tier architecture ensuring OLTP (Online Transaction Processing) and a high availability of data at the terminal ends. The POS itself is a robust system, built to CMMi Level 5 standards, that has been specifically designed with the complex requirements of modern retail in mind. Like all CNS products, it is possible for the POS to be purchased, installed and fully operational within 24 hours, ensuring that any organisation can enjoy the benefits of using CNS' innovative system almost immediately.